

17Sep 2010

GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar

Participants

FLL Team –Bob Houze, Liz Ritchie, Marilyn Vasquez, Ed Zipser, Ceres Albers, Paul Meyer, Mike Black, Matt He, Instrument and Forecast teams

Telecon

Bud Meins, Shelly Baccus, Bjorn Lambrigtsen, Gerry Heymsfield, Steve Durden, Chris Ruf, Greg McFarquhar, Rich Blakeslee, Michael Goodmanm, Ramesh Kakar.

Global Hawk Report

- **Aircraft – green**
 - No fly day
 - Successful flight to Karl 9/16/2010
 - 6 coordinated flights with DC8 over the eye.
 - Had a total of 20 passes over the eye of Karl!!!
 - Used HAMSR data in real-time to help get up to 12 bullseyes on the eye of Karl.
 - Global Hawk left storm at 08:30 UTC.
 - Maximum flight duration is 25 hrs at this time.
- **Dropsonde – red**
 - Re-fly of Low Altitude test flight and high altitude flights in one day.
Must be a weekday and have a chase plane.
 - Pursuing quick and longer-term fixes, availability later this week is uncertain. So, go ahead with any science opportunities.
 - Satisfied with fix, ready to go to Dryden for testing will arrive on Sunday 9/19.
 - Dates of flight-testing needed.
 - Ground tests to occur 9/20.
- **HAMSR – green.**
- **LIP - green**
- **HIWRAP – yellow**
 - Some noise in 2-channels in the Ka band
 - Analyzing data

WB-57 Report

- **Aircraft - green**
 - Takeoff at 16Z for Karl for approximately 5 hour flight duration.
 - Rectangular spiral plan for today.
 - Currently see no storms within range for near future, will be on standby.
- **HIRAD - green**
- NAST-I still delayed – may make it for last week of mission.

DC8 Report

- Aircraft – green.
 - 17Z takeoff for Karl
 - Plan to get at least one sonde during first pass before landfall.
 - Will morph into butterfly to look at inflow over sea, and to fly over land.
 - Saturday hard down.
 - Reassess what will be done after Saturday.
- LASE – green.
- LARGE – green.
- APR2 – green.
- DAWN – green.
- Microphysics – green
 - PIP
 - CSI cannot fly for the duration of GRIP
- MMS – green.
- Dropsonde – green.

Science

- Work has begun on preparation of charts for NASA HQ briefing.
- Global Hawk needs table of cloud top height vs. temperature for Thursday flight.
- Need platform scientist reports.
- Need priority flight legs submitted.
- Ramesh needs 2-3 slides by Monday morning for monthly review, needs stats, flight hours for each aircraft, a flight that emphasizes synergy involved. Earl most documented hurricane ever with Karl the most documented genesis situation. Preliminary results showing a synthesis, redevelopment of hurricane after passing over land.